

P.G. & E.

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

DEPARTMENT WATER

DESCRIPTION TRANSMISSION MAIN GENERAL

ASSIGNED TO

FUNCTION INVALID

BILLING

NONE

ANALYST

RELATED JOB NO. NONE

D & C NUMBER NONE

DATE CLOSED

ADC INDICATOR OFF

RULE NO. NONE

START DATE 11/07/88

MLX NUMBER NONE

LIC. PROJECT NO. NONE

OPER. DATE 11/25/88

BASIC BUS FUNC 03

PIN GD 02 21

PHASE P

COMP. DATE 11/25/88

COORDINATOR RC 02 693

PROGRAM - 3

-AUTHORIZED DIRECT BY YEAR-
YEARAUTHORIZED
15,365

YEAR 88

ACTUAL
12,243.99

AUTHORIZED

ACTUAL

AUTHORIZED

YEAR

ACTUAL

AUTHORIZED YEAR

ACTUAL

AUTHORIZED YEARS REMAINING

ACTUAL
2,523.50

JOB COMPARISONS

	ESTIMATED	ACTUAL	DIFFERENCE	PCT. VARIANCE	
CAPITAL	.00	2,911.23	2,911.23-0	.0	OVERRUN
REMOVAL	.00	.00	.00 0	.0	
MEMO M & O	15,365.00	11,856.26	3,508.74 0	22.8	UNDERRUN
AUTHORIZED DIRECT	15,365.00 *	14,767.49 *	597.51 *	3.8 *	UNDERRUN
INDIRECTS & OVERHEADS	6,830.00	6,112.64			
GROSS FIN.	22,195.00 **	20,880.13 **	1,314.87 **	5.9 **	UNDERRUN
O.C.I.		.00			
SALVAGE	.00	.00	.00		
CREDITS NOT INCLUDED					
IN AMOUNT AUTHORIZED		.00			
MANDAYS	62	100	38-	61.2-	OVERRUN

LABOR CHARGES DURING FOLLOWING MONTH -88- 0 N D-89- 3 4

R228JA CONTROL SEQUENCE NO. 40,488 SHEET NO. 1 SOURCE DOC. NO. 0234G91721

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

CAPITAL
ADC INDICATOR OFFACCOUNT 1124 - MAINS
LOCATION 101-MAIN 0101

SUB-ACCT 24-24 IN MAIN INST COMPLETE

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
066	MAJOR CONTRACT-OTHER		210.00	0		-88-	D
226	ADMV & GENERAL EXPENSE		24.75	0		-88-	D
227	GENERAL ENGRNG EXPENSE		3.64	0		-88-	D
698	MISCL & UNCLASS MATERIAL		154.00	0		-88-	D
SUB-TOTAL-DIRECT			364.00	×			
SUB-TOTAL-DIRECT-INDIR-OVHDS			392.39	×			
196 PLANT ADDITIONS-COMP GEN 000970000			392.39-				
BALANCE			.00	×			
AUTHORIZED DIRECT			.00	×	ESTIMATED MANHOURS	0	×

R228JA

CONTROL SEQUENCE NO. 40,489 SHEET NO.

2 SOURCE DOC. NO. 0234691721 ACCOUNT 1124 JOB NO. 54701843

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

CAPITAL
ADC INDICATOR OFFACCOUNT 1124 - MAINS
LOCATION 132-MAIN 0132

SUB-ACCT 30-30 IN MAIN INST COMPLETE

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
006	PHYSICAL ST TIME		385.08	20		-88-	N
052	CONST EQUIP USE-GEN CONS		260.00	20		-88-	N
091	G.C. PER DIEM ALLOWANCE		20.16	20		-88-	N
220	TOOL EXPENSE-GEN CONST		7.16	0		-88-	N
222	GEN. CONST. SUPERVISION		35.81	0		-88-	N
223	G.C. FIELD SUPERVISION		31.04	0		-88-	N
226	ADMV & GENERAL EXPENSE		72.64	0		-88-	N
227	GENERAL ENGRNG EXPENSE		10.38	0		-88-	N
229	NON-PRODUCTIVE TIME-GC		92.42	0		-88-	N
231	P/R ADDT-PEN/SFP-GC		135.37	0		-88-	N
452	P/R ADDT-TAXES GC		53.81	0		-88-	N
495	MEAL EXPENSES		16.92	3		-88-	N
617	GENERAL HARDWARE		9.88	0		-89-	1
SUB-TOTAL-DIRECT			432.04	×			
SUB-TOTAL-DIRECT-INDIR-OVHDS			1,130.67	×			
196 PLANT ADDITIONS-COMP GEN 000970000			1,130.67-				
BALANCE			.00	×			
AUTHORIZED DIRECT			.00	×	ESTIMATED MANHOURS	0	×

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DIV. 2 - SAN FRANCISCO

CAPITAL
ADC INDICATOR OFF

ACCOUNT 1224 - MAINS

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
006	PHYSICAL ST TIME		1,273.45	72		-88-	N
007	PHYSICAL OVERTIME		654.13	23		-88-	N
050	CONST EQUIP USE-REGIONS		453.00	54		-88-	N
216	TOOL EXPENSE-REGIONAL		110.39	0		-88-	N
218	SUP & ENG-TRSF TO CONST		927.25	0		-88-	N
219	REGIONAL A & G EXPENSES		242.85	0		-88-	N
226	ADMV & GENERAL EXPENSE		342.20	0		-88-	N
227	GENERAL ENGRNG EXPENSE		48.89	0		-88-	N
228	NON-PRODUCTIVE TIME-REGN		280.16	0		-88-	N
230	P/R ADDT-PEN/SFP-REGN-GO		625.90	0		-88-	N
451	P/R ADDT-TAXES REGN-GO		248.81	0		-88-	N
469	MEAL ALLOWANCE		56.00	5		-88-	N
490	MEALS&LODGING-OTHERS		16.55	3		-88-	N
SUB-TOTAL-DIRECT			2,000.13	×			
SUB-TOTAL-DIRECT-INDIR-OVHDS			5,279.58	×			
196 PLANT ADDITIONS-COMP GEN			5,279.58-				
			000970000				
BALANCE			.00	×			
AUTHORIZED DIRECT			.00	×	ESTIMATED MANHOURS	0	×

R228JA

CONTROL SEQUENCE NO. 40,491 SHEET NO.

4 SOURCE DOC. NO. 0234G91721 ACCOUNT 1224 JOB NO. 54701843

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

CAPITAL
ADC INDICATOR OFF

ACCOUNT 1224 - MAINS

SUB-ACCT 30-30 IN MAIN INST COMPLETE

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
	462 MISCL MEETING EXPENSES		115.06	0		-88- D	
	SUB-TOTAL-DIRECT		115.06 *				
	SUB-TOTAL-DIRECT-INDIR-OVHDS		115.06 *				
	196 PLANT ADDITIONS-COMP GEN 000970000		115.06-				
	BALANCE		.00 *				
	AUTHORIZED DIRECT		.00 *		ESTIMATED MANHOURS		0 *

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DIV. 22 - GENERAL OFFICE

CAPITAL
ADC INDICATOR OFF

ACCOUNT 1224 - MAINS

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
617	GENERAL HARDWARE		.00	0			-88- D-89- 1
	SUB-TOTAL-DIRECT		.00 ✕				
	BALANCE		.00 ✕				
	AUTHORIZED DIRECT		.00 ✕				
					ESTIMATED MANHOURS		0 ✕

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DIV. 22 - GENERAL OFFICE

CAPITAL
ADC INDICATOR OFF

ACCOUNT 1224 - MAINS

SUB-ACCT 30-30 IN MAIN INST COMPLETE

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
	462 MISCL MEETING EXPENSES		.00	0		-88- N D	
	SUB-TOTAL-DIRECT		.00	✕			
	BALANCE		.00	✕			
	AUTHORIZED DIRECT		.00	✕	ESTIMATED MANHOURS		0 ✕

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DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS

SUB-ACCT 11-REPAIR LEAKS

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
233	STORES EXPENSE-ASSESSED		28.49	0		-88- N D	
398	GAS MINOR MTL - ALLOC		5.61	0		-88- N D	
SUB-TOTAL-DIRECT			.00 *				
BALANCE			34.10 *				
AUTHORIZED DIRECT			8,490.00 *	ESTIMATED MANHOURS			176 *

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MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS

ACTIVITY 3664 REPAIR LINES-GAS

SUB-ACCT 11-REPAIR LEAKS
SUBACTIV 2040 REPAIR TRANS LINES

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
870250	FTG FLANGED	SP	134.19	1		-88-	N D
875699	MISC MATERIAL		150.68	0		-88-	N
393	X-RAY INSPECTION		1,559.50	0		-89-	1
617	GENERAL HARDWARE		8.04	0		-88-	D
646	AUTOMOTIVE EQUIP & PARTS		97.77	0		-88-	N
SUB-TOTAL-DIRECT			1,950.18 *				
BALANCE			1,950.18 *				
AUTHORIZED DIRECT			.00 *	ESTIMATED MANHOURS			0 *

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MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS
LOCATION 132-MAIN 0132

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
220	TOOL EXPENSE-GEN CONST		.86	0		-88-	N
222	GEN. CONST. SUPERVISION		4.32	0		-88-	N
223	G.C. FIELD SUPERVISION		3.74	0		-88-	N
229	NON-PRODUCTIVE TIME-GC		9.60	0		-88-	N
SUB-TOTAL-DIRECT			.00 *				
BALANCE			18.52 *				
AUTHORIZED DIRECT			.00 *	ESTIMATED MANHOURS		0 *	

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ACCOUNT 1502 - MAINTENANCE OF MAINS
LOCATION 132-MAIN 0132
ACTIVITY 3664 REPAIR LINES-GAS

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
006	PHYSICAL ST TIME		40.00	0		-88- N	
007	PHYSICAL OVERTIME		8.00	0		-88- N	
052	CONST EQUIP USE-GEN CONS		2.00	0		-88- N	
091	G.C. PER DIEM ALLOWANCE		7.00	0		-88- N	
SUB-TOTAL-DIRECT			55.00 *				
BALANCE			57.00 *				
AUTHORIZED DIRECT			.00 *	ESTIMATED MANHOURS		0 *	

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ACCOUNT 1502 - MAINTENANCE OF MAINS
LOCATION 132-MAIN 0132

SUB-ACCT 11-REPAIR LEAKS

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
216	TOOL EXPENSE-REGIONAL		34.65	0		-88-	0
219	REGIONAL A & G EXPENSES		54.44	0		-88-	0
220	TOOL EXPENSE-GEN CONST		8.56	0		-88-	N
222	GEN. CONST. SUPERVISION		42.78	0		-88-	N
223	G.C. FIELD SUPERVISION		37.07	0		-88-	N
228	NON-PRODUCTIVE TIME-REGN		82.49	0		-88-	0
229	NON-PRODUCTIVE TIME-GC		110.38	0		-88-	N
233	STORES EXPENSE-ASSESSED		475.89	0		-88-	N D
398	GAS MINOR MTL - ALLOC		87.30	0		-88-	N D
SUB-TOTAL-DIRECT			.00	×			
BALANCE			933.56	×			
AUTHORIZED DIRECT			.00	×	ESTIMATED MANHOURS		0

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ACCOUNT 1502 - MAINTENANCE OF MAINS
 LOCATION 132-MAIN 0132
 ACTIVITY 3664 REPAIR LINES-GAS

SUB-ACCT 11-REPAIR LEAKS
 SUBACTIV 2040 REPAIR TRANS LINES

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
010501	PIPE STEEL 30" OD FT		4,224.62	40		-88-	N
490059	NITROGEN PURE ES 32-71CF		177.84	2,964		-88-	D
875699	MISC MATERIAL		281.13	0		-88-	D
006	PHYSICAL ST TIME		569.40	32		-88-	O N
019	MGMT/PROF ST TIME		302.96	16		-88-	N
046	MILEAGE-GENERAL CONST		43.80	73		-88-	N
050	CONST EQUIP USE-REGIONS		120.00	16		-88-	O
067	FREIGHT		199.40	0		-88-	N
077	LANDSCAPING		964.00	0		-89-	1
091	G.C. PER DIEM ALLOWANCE		24.92	8		-88-	N
SUB-TOTAL-DIRECT			6,744.27 *				
BALANCE			6,908.07 *				
AUTHORIZED DIRECT			.00 *	ESTIMATED MANHOURS			0 *

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CONTROL SEQUENCE NO. 40,500 SHEET NO.

13 SOURCE DOC. NO. 0234G91721 ACCOUNT 1502 JOB NO. 54701843

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DIV. 22 - GENERAL OFFICE

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS

ACTIVITY 3654 MAINT OF LINES OTHER-GAS

SUB-ACCT 6-REPAIR PIPE COATING
SUBACTIV 2040 MAINTAIN TRANS MAINS

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
011485	PIPE STEEL 30" OD	FT	723.61	12		-88- N	
	SUB-TOTAL-DIRECT		723.61 *				
	BALANCE		723.61 *				
	AUTHORIZED DIRECT		.00 *		ESTIMATED MANHOURS		0 *

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ACCOUNT 1602 - MAINS LEAK CLAMPS
LOCATION 132-MAIN 0132

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
220	TOOL EXPENSE-GEN CONST		2.62	0		-88- N	
222	GEN. CONST. SUPERVISION		13.08	0		-88- N	
223	G.C. FIELD SUPERVISION		11.33	0		-88- N	
229	NON-PRODUCTIVE TIME-GC		29.28	0		-88- N	
SUB-TOTAL-DIRECT			.00	✕			
BALANCE			56.31	✕			
AUTHORIZED DIRECT			.00	✕	ESTIMATED MANHOURS	0	✕

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DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1602 - MAINS LEAK CLAMPS
LOCATION 132-MAIN 0132
ACTIVITY 3664 REPAIR LINES-GAS

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
006	PHYSICAL ST TIME		122.00	5		-88- N	
007	PHYSICAL OVERTIME		23.00	0		-88- N	
052	CONST EQUIP USE-GEN CONS		6.00	2		-88- N	
091	G.C. PER DIEM ALLOWANCE		21.00	4		-88- N	
SUB-TOTAL-DIRECT			166.00 *				
BALANCE			172.00 *				
AUTHORIZED DIRECT			.00 *	ESTIMATED MANHOURS		0 *	

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1603 - MAINS OTHER
LOCATION 132-MAIN 0132

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
220	TOOL EXPENSE-GEN CONST		8.74	0		-88-	N
222	GEN. CONST. SUPERVISION		43.70	0		-88-	N
223	G.C. FIELD SUPERVISION		37.87	0		-88-	N
229	NON-PRODUCTIVE TIME-GC		97.07	0		-88-	N
SUB-TOTAL-DIRECT			.00	×			
BALANCE			187.38	×			
AUTHORIZED DIRECT			.00	×	ESTIMATED MANHOURS	0	×

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ACCOUNT 1603 - MAINS OTHER
LOCATION 132-MAIN 0132
ACTIVITY 3664 REPAIR LINES-GAS

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
006	PHYSICAL ST TIME		404.47	25		-88- N	
007	PHYSICAL OVERTIME		81.04	5		-88- N	
052	CONST EQUIP USE-GEN CONS		17.00	6		-88- N	
091	G.C. PER DIEM ALLOWANCE		64.04	20		-88- N	
SUB-TOTAL-DIRECT			549.55 *				
BALANCE			566.55 *				
AUTHORIZED DIRECT			.00 *	ESTIMATED MANHOURS		0 *	

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DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1607 - SERVICES
LOCATION 132-MAIN 0132

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
220	TOOL EXPENSE-GEN CONST		5.24	0		-88- N	
222	GEN. CONST. SUPERVISION		26.19	0		-88- N	
223	G.C. FIELD SUPERVISION		22.70	0		-88- N	
229	NON-PRODUCTIVE TIME-GC		58.08	0		-88- N	
SUB-TOTAL-DIRECT			.00	×			
BALANCE			112.21	×			
AUTHORIZED DIRECT			.00	×	ESTIMATED MANHOURS	0	×

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1607 - SERVICES
LOCATION 132-MAIN 0132
ACTIVITY 3664 REPAIR LINES-GAS

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
006	PHYSICAL ST TIME		242.00	10		-88-	N
007	PHYSICAL OVERTIME		49.00	0		-88-	N
052	CONST EQUIP USE-GEN CONS		11.00	4		-88-	N
091	G.C. PER DIEM ALLOWANCE		39.00	8		-88-	N
SUB-TOTAL-DIRECT			330.00 *				
BALANCE			341.00 *				
AUTHORIZED DIRECT			.00 *	ESTIMATED MANHOURS		0 *	

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DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1855 - MAINS EXPENSES

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
	AUTHORIZED DIRECT		6,875.00 *		ESTIMATED MANHOURS		320 *

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DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1855 - MAINS EXPENSES
LOCATION 132-MAIN 0132

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
216	TOOL EXPENSE-REGIONAL		76.26	0		-88-	N
219	REGIONAL A & G EXPENSES		167.78	0		-88-	N
228	NON-PRODUCTIVE TIME-REGN		201.60	0		-88-	N
SUB-TOTAL-DIRECT			.00	✕			
BALANCE			445.64	✕			
AUTHORIZED DIRECT			.00	✕	ESTIMATED MANHOURS		0 ✕

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DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1855 - MAINS EXPENSES

LOCATION 132-MAIN 0132

ACTIVITY 3475 LINE OPERATION-OTHER-GAS

SUBACTIV 6034 TRANS MAIN EXPENSE

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
006	PHYSICAL ST TIME		916.38	56		-88- N	
007	PHYSICAL OVERTIME		407.27	15		-88- N	
044	MILEAGE-REGIONS		23.65	55		-88- N	
050	CONST EQUIP USE-REGIONS		95.00	19		-88- N	
469	MEAL ALLOWANCE		14.00	1		-88- N	
SUB-TOTAL-DIRECT			1,337.65 *				
BALANCE			1,456.30 *				
AUTHORIZED DIRECT			.00 *	ESTIMATED MANHOURS			0 *

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ANALYSIS JOB COST REPORT

DIV. 3 - GENERAL CONSTRUCTION

MEMO OTHER COSTS

ACCOUNT 8026 - GC ADMN.&GEN EXP-OFFICE
ACTIVITY 6190 MGMT & SUPERVISION

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
021	MGMT/PROF OVERTIME		272.50	10		-88-	D
046	MILEAGE-GENERAL CONST		60.00	100		-88-	D
SUB-TOTAL-DIRECT			272.50				
BALANCE			332.50				
AUTHORIZED DIRECT			.00	ESTIMATED MANHOURS		0	

P.G. & E.

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9202 - SALARIES-GEN OFC EMPLS

SUB-ACCT 12-ENGINEERING

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
222	GEN. CONST. SUPERVISION		1,126.07	0		-88-	N D-89- 3 4
223	G.C. FIELD SUPERVISION		1,036.98	0		-88-	N D-89- 3 4
229	NON-PRODUCTIVE TIME-GC		1,787.46	0		-88-	N D-89- 3 4
SUB-TOTAL-DIRECT			.00 *				
BALANCE			3,950.51 *				
AUTHORIZED DIRECT			.00 *	ESTIMATED MANHOURS			0 *

P.G. & E.

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9202 - SALARIES-GEN OFC EMPLS

SUB-ACCT 12-ENGINEERING

ACTIVITY 3124 ENG STUDIES -ELEC OPER

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
006	PHYSICAL ST TIME		149.11	8		-88- N	
	SUB-TOTAL-DIRECT		149.11 *				
	BALANCE		149.11 *				
	AUTHORIZED DIRECT		.00 *		ESTIMATED MANHOURS		0 *

P.G. & E.

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9202 - SALARIES-GEN OFC EMPLS

ACTIVITY 3124 ENG STUDIES -ELEC OPER

SUB-ACCT 12-ENGINEERING
SUBACTIV 2040 FINAL

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
001	CLERICAL ST TIME		457.17	24		-88- N	
002	CLERICAL OVERTIME		250.02	9		-88- N	
006	PHYSICAL ST TIME		6,072.34	272		-88- N	D-89- 3 4
007	PHYSICAL OVERTIME		5,548.31	149		-88- N	D-89- 4
014	TECHNICAL ST TIME		197.55	16		-88- N	
015	TECHNICAL OVERTIME		152.11	6		-88- N	
019	MGMT/PROF ST TIME		460.18	24		-88- N	
026	MGMT/PROF ADJUSTMENT		757.41	0		-89- 4	
SUB-TOTAL-DIRECT			13,895.09 *				
BALANCE			13,895.09 *				
AUTHORIZED DIRECT			.00 *	ESTIMATED MANHOURS			0 *

R228JA

CONTROL SEQUENCE NO. 40,514 SHEET NO.

27 SOURCE DOC. NO. 0234691721 ACCOUNT 9202 JOB NO. 54701843

P.G. & E.

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9212 - EXPENSES-GEN OFC EMPLS

ACTIVITY 3124 ENG STUDIES -ELEC OPER

SUB-ACCT 12-ENGINEERING
SUBACTIV 2040 FINAL

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
046	MILEAGE-GENERAL CONST		356.74	444		-88- N D	
093	PETTY CASH		31.86	0		-88- N	
SUB-TOTAL-DIRECT			31.86	×			
BALANCE			388.60	×			
AUTHORIZED DIRECT			.00	×	ESTIMATED MANHOURS		0

P.G. & E.

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9213 - GO SUPPLIES & EXPENSES

SUB-ACCT 12-ENGINEERING

ACTIVITY 3124 ENG STUDIES -ELEC OPER

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
052	CONST EQUIP USE-GEN CONS		72.00	6		-88- N	
	SUB-TOTAL-DIRECT		.00	✕			
	BALANCE		72.00	✕			
	AUTHORIZED DIRECT		.00	✕	ESTIMATED MANHOURS		0 ✕

P.G. & E.

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9213 - GO SUPPLIES & EXPENSES

ACTIVITY 3124 ENG STUDIES -ELEC OPER

SUB-ACCT 12-ENGINEERING
SUBACTIV 2040 FINAL

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
871591	WELDING ROD	SP	178.04	0		-89- 1	
872090	MATERIAL MISC TOOL	SP	43.66	0		-89- 1	
875699	MISC MATERIAL		3.24	0		-88- D	
052	CONST EQUIP USE-GEN CONS		479.50	126		-88- N	
067	FREIGHT		530.25	0		-89- 1	
091	G.C. PER DIEM ALLOWANCE		442.96	168		-88- N D	
469	MEAL ALLOWANCE		371.00	2		-88- N D	
612	BUILDING MATERIAL		31.42	2		-89- 1	
698	MISCL &UNCLASS MATERIAL		152.51	0		-89- 1	
SUB-TOTAL-DIRECT			1,753.08 *				
BALANCE			2,232.58 *				
AUTHORIZED DIRECT			.00 *	ESTIMATED MANHOURS		0 *	

P.G. & E.

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

ACCOUNT TOTALS

CONTROL ACCOUNT	ACCOUNT NUMBER	DIRECT EXP.	TRF. TO PLANT	BAL TO BE TRF.
CAPITAL	1124	796.04	1,523.06-	727.02-
	1224	2,115.19	5,394.64-	3,279.45-
SUB-TOTAL		2,911.23 *	6,917.70-*	4,006.47-*
REMOVAL		.00	.00	.00
SUB-TOTAL		.00 *	.00 *	.00 *
MEMO M & O	1502	9,473.06	.00	9,473.06
	1602	166.00	.00	166.00
	1603	549.55	.00	549.55
	1607	330.00	.00	330.00
	1855	1,337.65	.00	1,337.65
	8026	272.50	.00	272.50
	9202	14,044.20	.00	14,044.20
	9212	31.86	.00	31.86
	9213	1,753.08	.00	1,753.08
SUB-TOTAL		27,957.90 *	.00 *	27,957.90 *
AUTHORIZED DIRECT		30,869.13	6,917.70-	23,951.43
INDIRECT & OVERHEAD		11,031.39	.00	.00
GROSS FIN.		41,900.52 *	6,917.70-*	34,982.82 *
SALVAGE		.00	.00	.00

P.G. & E.

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

ACCOUNT TOTALS

CONTROL ACCOUNT	ACCOUNT NUMBER	DIRECT EXP.	TRF. TO PLANT	BAL TO BE TRF.
CREDITS NOT INCLUDED IN AMOUNT AUTHORIZED		.00	.00	
O.C.I.		.00	.00	.00
TOTAL		41,900.52 **	6,917.70-**	34,982.82 **

JOB ESTIMATE

	DIV.	CENTER
JOB COORDINATOR'S RC NUMBER	02	6913

DATE OF ESTIMATE

DEPARTMENT GAS

APPLICANT(S) PACIFIC GAS & ELECTRIC CO

DISTRICT PENINSULA DIVISION GOLDENGATE REGION 02

LOCATION BUNKER HILL DR SAN MATEO

SOURCE DOCUMENT or ESTIMATE No. 023469172 No.

MAXIMUM OF 20 CHARACTERS

COUNTY SAN MATEO

JOB
TITLE CODE

NAME OF PROJECT/PHASE COORDINATOR GALE SIU

PG&E Ext 626-7214

PROJECT/PHASE	BUDGET AMOUNT \$
TOTAL SPECIFIC PROJECT/PHASE BUDGET AMOUNT \$	

NECESSITY FOR PROPOSED WORK AND DESCRIPTION THEREOF:

PROJECT IDENTIFICATION NUMBER (PIN)				
FUNC.	DIV.	YR.	SEQ.	PHASE
GD	02	88	21	P

NEW BUSINESS/APPLICANT BILLING DATA

LINE EXTENSION		REINFORCEMENT
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NON-RESIDENTIAL ELEC., NON P.1 GAS
ESTIMATED
BASE ANNUAL REVENUE.....\$

RESIDENTIAL ELECTRIC; ALL P-1 GAS,
UG ELEC. DR
GAS TRENCH

CONTRIBUTIONS
EXCESS SERVICE
CHARGE

OTHER\$

REFUNDABLE ADVANCE\$

OTHER RELATED JOB AUTHORIZATIONS
(INCLUDING D & C's)

D & C No.

OTHER JOB No. _____

FERC PROJ. No.

CGC LOCATION

ESTIMATOR

DATE REQUIRED	11-11-88
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RECOMMENDATION, RULE No. and RATE SCHEDULE

COMPANY EXPENSE

FACILITY		ACCOUNT	SUB ACCOUNT	SPECIAL I.D. CODE	DESCRIPTION OF DIRECT COST ITEMS (For involved estimates give summary here—detail on extra sheets)	MANDAYS or UNIT AMOUNT (when required)	AMOUNT (Dollars Only)				
DIV.	I.D.						LABOR	MATERIAL	EMPLOYEE RELATED COST	CONTRACT and OUTSIDE SERVICES	OTHER
02	132	3475	6034	TRANS 1855 2-4	ACTIV Table e/o ACCT 3475 6034 #31 1.00 1855 SHUTDOWN AND RESTORE MAIN	40	5800		75	1000	
02	132	3664	2040		3664 Table #31 1.00 1502 0011 REPAIR LONGITUDINAL WELD DEFECT	22	3190	300		5000	
					Exceptions sub Acct 1D- Qiet 0-1-						

TOTAL AMOUNT (Dollars Only)										TOTAL CAPITAL DIRECT COSTS (Escalated—if applicable)		\$	—
TOTAL CAPITAL DIRECT COSTS					TOTAL M&O DIRECT COSTS					TOTAL M&O DIRECT COSTS (Escalated—if applicable)			15365
INSTALLATION DIRECT		REMOVAL DIRECT		TRAVEL LABOR		ESCALATION _____ %		M & O DIRECT (Inc. TRAVEL)		ESCALATION _____ %		AUTHORIZED DIRECT COSTS	
—		—		—		—		15365		—		15365	
PLANT TO BE REMOVED OR ABANDONED (Enter on Form 62-6428, "Detail Sheet for Plant to be Retired")													
JOB EXPENDITURE BY YEAR													
COSTS		FIRST YEAR		YEAR		YEAR		YEAR		TOTAL REMAINING			
		8.8								NOTED			
DIRECT COSTS		15365		NOTED									
GROSS COSTS		22195		NOV 17 1988						NOV 10 1988			
FOR ACCOUNTING USE ONLY													
RULE CODE		PERCENT UNDERGROUND		FUNCTIONAL GROUP		MLX DEPOSIT No.		CONTRIBUTIONS		CATEGORY OF WORK			
				E. CAVAS						AUYONG			
										V062			
CHECKLIST		REQ'D.		SEC'D.		CHECKLIST		REQ'D.		SEC'D.		FOR ACCOUNTING USE ONLY	
J.P./J.T. INTENTION						RIGHT OF WAY		NO				PROGRESS REPORT	
J.P./J.T. APPL. No.						OVER 20% YIELD		YES				VALUATION UNIT COST	
TREE TRIMMING						STRENGTH TEST		YES		YES		PARTY BILLED	
CITY OR CO. PERMIT		NONE				PAVEMENT—SQ. FT.		NONE				MOTOR VEHICLE CLASS	
HIGHWAY PERMIT						MACHINE TRENCH—FT.		ALL				BUILDING CODE	
R. R. X-ING PERMIT						TOTAL MANDAYS		63				LOT SALE SUB-DIVISION	
OTHER PERMITS						PROJECT COST CONTROL SYSTEM REPORT RC No.		—				MULTIPLE SINGLE	
												No. of UNITS	
JOB AUTHORIZATION													
DIVISION or ORIG. OFFICE							GENERAL OFFICE						
RECOMMEND							RECOMMEND						
CONCUR							CONCUR						
AUTHORIZED BY							JOB ORDER NUMBER						
							GM4701843						

(3) ADD STATIC HEAD DUE TO ELEVATION DIFFERENCE [BETWEEN TEST PT AND MIN. ELEVATION] TO INDICATED TEST PRESSURE.

11-3-88

MARTIN SERVICE CENTER

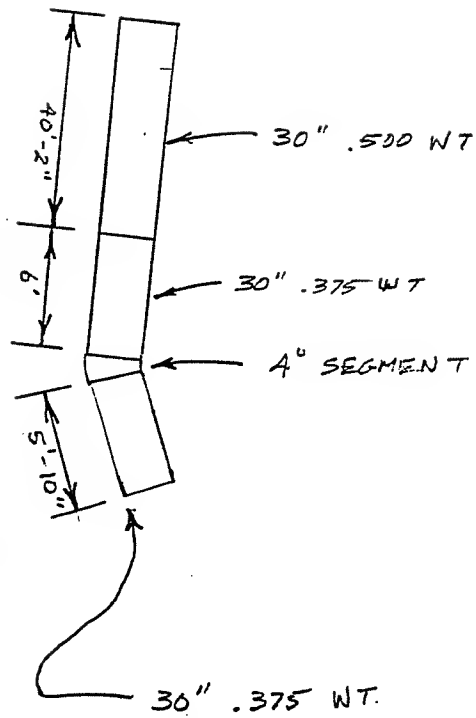
LOWER YARD - BRISBANE

BUNKER HILL ELEVATION REF: 2

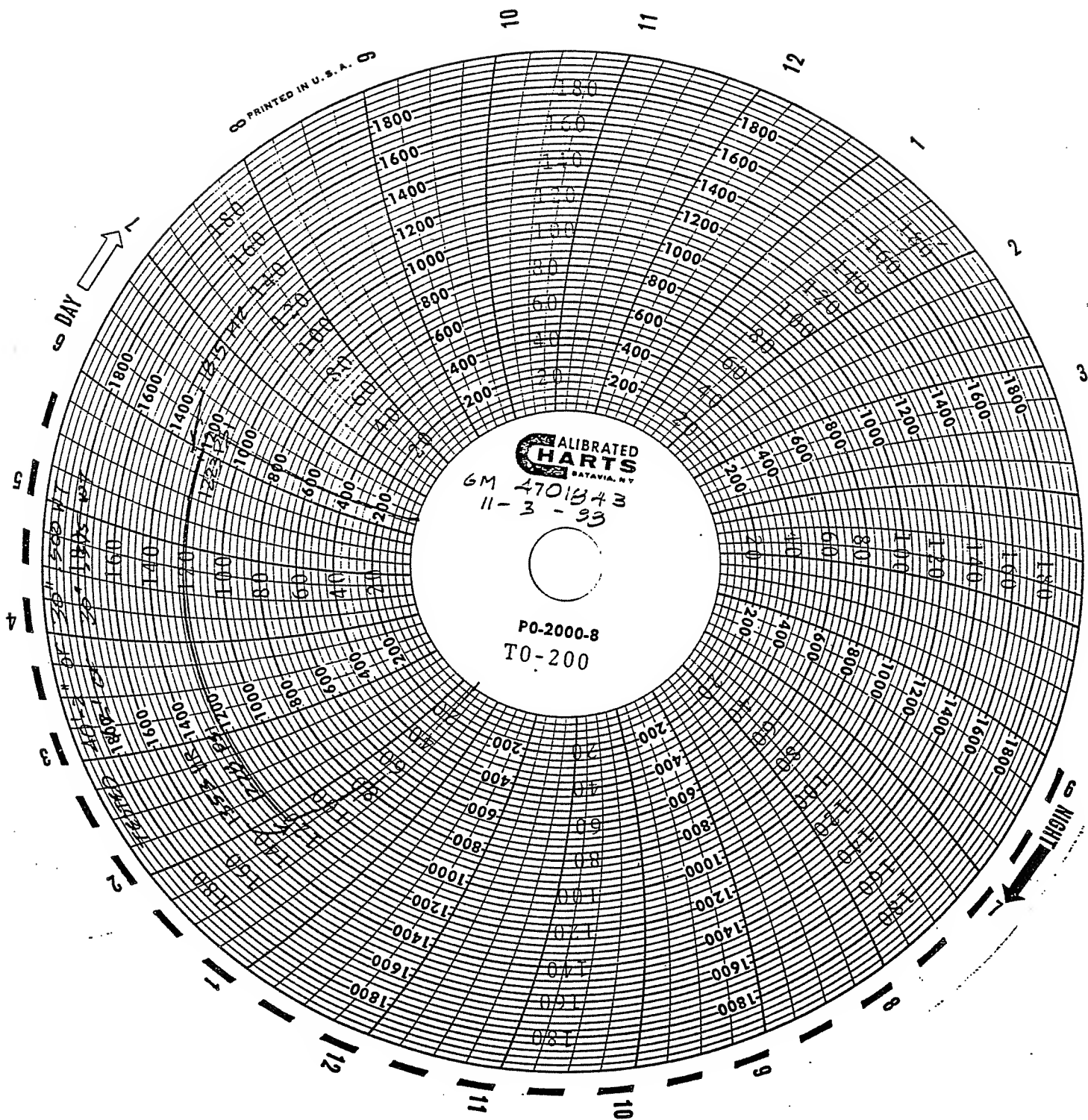
TL - 0132

LOWEST PRESSURE - 1223

NO ELEV. VARIATION



PRINTED IN U.S.A.



STRENGTH TEST INFORMATION

1. JOB GM 4701843

2. LOCATION MARTIN SERVICE CENTER; BRISBADE

3. DATE 11-3-88 PRESSURE 1228-1223

4. TIME 1353 HR - 1815 HR DURATION 4 HR - 22 MIN.

5. LENGTH 40'-2" / 12' SIZE 30" / 30" W.T. .500 / .375

6. PIPE SPEC. X60 DSAW PIW 01-0501 SER. 9603148

7. RECORDING GAUGE MERCURY LAST CALIBRATED 10-17-88

8. RANGE 0-2000 LAST CALIBRATED 10-1-88

9. DEAD WGT. CHAUDLER LAST CALIBRATED 10-1-88

10. TEST FLUID WATER DATE 11-3-88

11. SUPERVISED N. SCHWAB DATE 11-4-88

12. APPROVED [REDACTED]

11-3-88

N. SCHWAB

BUNKER HIL 0132 ENTERCUT
REPAIR

O-

MIN - 1170 MAX - 1235

TIME	PRESSURE	
1353 HRS 1:53 PM	1228	
1400 HRS 2:00	1228	
1415 HRS 2:15	1228	
1430	1228	
1450	1228	
1534	1228	
1559	1228	
1633	1227	SUN WENT DOWN (TEMP DROP)
1704	1225	
1732	1223	
1800	1223	
1815	1223	REWATERED

PG&E
GAS OPERATIONS
STRENGTH TEST PRESSURE REPORT
 (FOR PIPE FACILITIES OPERATIONS OVER 100 PSIG)

(USE IN ACCORDANCE
GAS STD. A-34 AND GSHEET 1 OF 1**PART I - DESIGN DATA - (TO BE PREPARED BY PROJECT ENGINEER OR GAS SYSTEM DESIGN DEPT.)**

DIST. MAIN OR LINE NO. T.L. 132	DIVISION GOLDEN GATE REGION	DISTRICT PENINSULA	G.M. NO. GM 4701843	DATE W.O. OR GM APPROV.
---	---------------------------------------	------------------------------	-------------------------------	-------------------------

DESCRIPTION OF JOB - INCLUDE REFERENCE DRAWING NUMBERS

**REPLACE 6' SECTION OF 30" T.L. 132 DUE TO A LONGITUDINAL
 WELD DEFECT.**

LOCATION CLASS 3	DESIGN FACTOR (F) .5	PRESENT MAOP OF FACILITIES (PSIG) 400	MAOP TO BE ESTABLISHED BY THIS TEST 400 PSIG	DESIGN PRESSURE - THIS SECTION (FUTURE DESIGN PRESSURE) 400 PSIG
----------------------------	--------------------------------	---	--	--

SPECIAL PROTECTION REQUIRED WHERE COVER
 OVER PIPE IS LESS THAN SPECIFIED IN PAR. 192.327-
 G. O. 112 - SEE PAR. 141.2(B) GIVE M.P. & REF. DWG.
 NO. FOR EACH LOCATION.

STATIC HEAD DUE TO
 ELEVATION DIFFERENCE
 (WHERE APPLICABLE)

MAX. ELEVATION _____ FT.
 MIN. ELEVATION _____ FT.
 DIFF. _____

STATIC HEAD CALCULATION
 FOR WATER

PIPE SIZE

PIPE SP

O.D.	W.T.	AP. GR. ERW, DSAW
30"	0.375"	API 5LX 6RX-
30"	0.500"	API 5LX 6RX

2 COPIES TO
 DIVISION GF
 DON JOHANSON

AGE
TESTEDVERIF
IN FILE

MINIMUM PRESSURE FOR TEST

MAXIMUM PERMISSIBLE TEST PRESSURE

PREPARED BY **ROY MATTHEWSON**DATE **10-31-88**FOR INFORMATION
OR CHANGES, CALL **626-7437**

APPROVED BY:

DATE **10-31-88****PART II - TEST DATA - TO BE PREPARED BY PERSON SUPERVISING
TEST AT TIME OF TEST.**NOTE: MINIMUM TEST PRESSURE AND DURATION ARE
NOT TO BE CHANGED WITHOUT WRITTEN APPROVAL.

TIME AND DATE REACHED TEST PRESSURE	1353 HR - 11/3/88	ELEVATION AT TEST POINT	N/A FT.	INDICATED TEST PRESSURE (1)	1228 PS
TIME AND DATE TEST ENDED	1815 HR - 11/3/88	MAX. ELEVATION IN TEST SECTION	N/A FT.	TEST PRESSURE AT MAX. ELEVATION (2)	N/A PS
ACTUAL DURATION OF TEST	4 HR - 22 MIN	MIN. ELEVATION IN TEST SECTION	N/A FT.	TEST PRESSURE AT MIN. ELEVATION (3)	N/A PS

TEST FLUID USED WATER	PIPE SPEC. VERIFIED (SEE PART I)	PIPE FOOTAGE VERIFIED (SEE PART I)
MAKE, RANGE & SERIAL NO. OF RECORDING GAUGE MERCURY 0-2000 S/N 8603146	DATE LAST CALIBRATION 10/17/88	MAKE, RANGE & SERIAL NO. OF DEAD WEIGHT TESTER CHANDLER 0-2000 S/N 6000

TEST SUPERVISED

BY:

APPROVED
BY:DATE: **11/4/88****PUT SCHEMATIC SKETCH ON BACK OF THIS SHEET:**

SHOW LOCATION OF FACILITY TESTED, MIN. & MAX. ELEVATION IN FEET, MILE POINTS, VALVE NUMBERS AND INCORPORATED AREAS. USE
 AN ADDITIONAL SHEET IF NECESSARY (SHOW REFERENCE NUMBERS ON FACE OF ALL DRAWINGS AND ATTACHMENTS). FOR STATION PIPING
 FABRICATED UNITS AND SHORT SECTION OF PIPE, ALSO SHOW A DETAILED SKETCH OF EACH ASSEMBLY TESTED.

DISTRIBUTION

DIST. GAS SUPT. JOB FILE
 DIV. GAS SUPT.
 GC GAS - ASSIGNED JOBS
 GAS SYSTEM DESIGN (2)
 PLANT ACCTG. (WITH
 FOREMAN'S COPY OF JOB)
 PIPELINE HISTORY FILE
 REPORT FAILURES UNDER
 TEST TO GAS SYSTEM DESIGN
 AND GAS DISTRIBUTION DEPT'S.

- (1) LOWEST PRESSURE ON TEST GAUGE AT ANY TIME DURING TEST.
 (2) SUBTRACT STATIC HEAD DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MAX. ELEVATION
 FROM INDICATED TEST PRESSURE.
 (3) ADD STATIC HEAD DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MIN. ELEVATION) TO
 INDICATED TEST PRESSURE.

For transformer installation — Job Foreman shall show following data on sketch at transformer location: Type, Mfg. Serial No., KVA, Voltage, New or Old. (If space is insufficient, add separate sheet with same data and transformer location grid coordinates or pole reference number.)

STEEL WELDS INSPECTED
PER P G & E GAS
STANDARD D-40

3277 B2
SAN MATEO (UNINC)
C.P. AREA T.L. 132
PRESSURE: 375 PSIG
0234691721
GM 4701843

BUNKER HILL DR. (8)

LEXINGTON

DESIGN CRITERIA

EDUCTION CLASS 3

DESIGN FACTOR 0.5

D.P. 400 \rightarrow SMYS 34,800

MAOP 400 \rightarrow SMYS 34,800

STRENGTH TEST PRESSURE

MAX. 1235 PSIG 95.0 \rightarrow SMYS

MIN. 1170 PSIG 90.0 \rightarrow SMYS

1170 PSIG = 90% SMYS

TEST FLUID WATER

PIPE SPEC. API 5LX 68X52

O.D. 30"

W.T. 0.375"

WELD INSPECTION (GAS STD. D-40)

☒ VISUAL

☐ RADIOGRAPHIC

☐ 20% MIN.

☐ 100%

INST ~~10~~¹ OF 30" API 5LX GRX52
STEEL PIPE (.375" W.T.)

ALSO TESTED 40'-2' OF
30' - 580 WT. X 60 PIPE
FOR BACKUP

GENERAL CONSTRUCTION - GAS
CORRECTED COPY

ADD ALL DETAILS NOT CLEARLY SHOWN BY SKETCH ON MEMO FORM

Code Area		Pub. RW		COUNTY		RA-UNINC.		RA-INC.		NON-RA		UG		SL		SL
Poles - Twrs.		Pvt. RW										CL		OH		UG
O. H. Cond.		No. Trfs.														
S L Units		KVA														
												Cables	Conduit	Line No.	Computer	

For Plant to be Installed

Sheet No. 30F3

Estimate No. 0234691721

DATE PREPARED		
MO	DAY	YR
10	31	88

[illegible]

PG&E
 JOB ESTIMATE
 Summary and Calculation Sheet
 For Indirects and Overheads

Sht. No. 20F3
 Est. No. 023491721
 Date: 10-31-88
 Initials: RCM

% FOR DIRECT COSTS

Capital Esc. 0 months at 0%
 M&O Esc 0 months at 0%

% FOR INDIRECT COSTS

Labor-Div/BC 0%
 Labor-BC 0%, amount \$ 0
 Material 0%
 TE 44%
 M&O-Labor 31%
 M&O-Material 29%

% FOR OVERHEADS

S&A-Instal 0%
 Removal 0%
 Ad Val Tax 0%
 0 years
 AFUDC 0%

TYPE OF COSTS		PG&E	MATERIAL	EMPLOYEE	CONTRACT & OUTSIDE	OTHER	TOTAL
DIRECT COSTS							
1. Capital Installation/Purchase	CI	0	0	0	0	0	0
2. Capital Removal	CRE	0	0	0	0	0	0
3. Capital Travel	CT	0					0
4. Capital Escalation	CE	0	0	0	0	0	0
5. **Total Capital Direct Costs**	TCD	0	0	0	0	0	0
=====							
6. M & O, Include Travel Labor	MO	8990	300	75	6000	0	15365
7. M & O Escalation	MOE	0	0	0	0	0	0
8. ** Total M & O Direct Costs **	TMOE	8990	300	75	6000	0	15365
=====							
9. Total Authorized Direct Costs	TD	8990	300	75	6000	0	15365
INDIRECT COSTS							
10. Installation	I	0	0				0
11. Removal	R	0	0				0
12. Transp. & Work Eq. (Cap & M)	TE					3956	3956
13. ** Total Capital Indirects **	TCI	0	0			3956	3956
14. ** Total M & O Indirects **	TMI	2787	87				2874
=====							
15. Total Indirects Costs	TI	2787	87			3956	6830
OVERHEADS							
16. Gen. Engr. and Admin.	GEAC						0
17. Ad Valorem Tax	Tax						0
18. AFUDC	AFUDC						0
=====							
19. Total Overheads	TO						0
GROSS FINANCIAL COST							
20. Directs, Indirects, Overheads	TOTAL						22195

COMPOSITE %		Face Sheet	PC Total	22195
a. Cap Indirects =	0	0	Div Total	0
b. M&O Indirects =	18.7	2874	Difference	22195
c. Overheads =	0	0		

JOB ESTIMATE

JOB COORDINATOR'S
RC NUMBER

DIV. CENTER

DATE OF ESTIMATE

10/31/88

02 61913

DEPARTMENT GAS

DISTRICT PENINSULA

DIVISION

GOLDENGATE REGION 02

APPLICANT(S) PACIFIC GAS & ELECTRIC CO.

SOURCE DOCUMENT No. 0234691721

LOCATION BUNKER HILL DR SAN MATEO

COUNTY SAN MATEO

JOB TITLE CODE V.O TRANSMISSION MAINT GENERAL

NAME OF PROJECT/PHASE COORDINATOR GALE SIU

PG&E E-1 626-7214

TOTAL SPECIFIC PROJECT/PHASE BUDGET AMOUNT \$

NECESSITY FOR PROPOSED WORK AND DESCRIPTION THEREOF

PROJECT IDENTIFICATION NUMBER (PIN)
FUNC. DIV. YR. SEQ. PHASE
GD 02 88 21 1P

NEW BUSINESS/APPLICANT BILLING DATA

LINE EXTENSION REINFORCEMENT

NON-RESIDENTIAL ELEC. NON P-1 GAS
ESTIMATED BASE ANNUAL REVENUE \$RESIDENTIAL ELECTRIC, ALL P-1 GAS.
UG ELEC. OR GAS TRENCH FT. No. UNITSCONTRIBUTIONS:
EXCESS SERVICE CHARGE \$

OTHER \$

REFUNDABLE ADVANCE \$

OTHER RELATED JOB AUTHORIZATIONS
(INCLUDING D & C's)

D & C No.

OTHER JOB No.

FERC PROJ. No.

CGC LOCATION

ESTIMATOR R. MATTSON

DATE REQUIRED 11-11-88

IT IS NECESSARY TO REPLACE A 6' SECTION OF 30"
T.L. 132 DUE TO A LONGITUDINAL WELD DEFECT.

RELEASED BY OPERATING DEPARTMENT

DATE 11-4-88 BY bjgm

RECOMMENDATION, RULE No. and RATE SCHEDULE

COMPANY EXPENSE

DIV	ID	ACCOUNT	SUB ACCOUNT	SPECIAL ID CODE	DESCRIPTION OF DIRECT COST ITEMS (For involved estimates give summary here—detail on extra sheets)	MANDAYS or UNIT AMOUNT (when required)	AMOUNT (Dollars Only)				
							LABOR	MATERIAL	EMPLOYEE RELATED COST	CONTRACT and OUTSIDE SERVICES	OTHER
902	132	3475	6034		SHUTDOWN AND RESTORE MAIN	40	5800		75	1000	
102	132	3664	2040		REPAIR LONGITUDINAL WELD DEFECT	22	3190	300		5000	
"PLAN FOR SAFETY"											
CORRECTED BY G.C.											
START 11-1-86											
COMPLETION 11-4-88											
FLD. ENGR. N SCHWAB											
FOREMAN S. NELSON											

FOREMANS COPY

GENERAL CONSTRUCTION - GAS
CORRECTED COPY

CORRECTED BY 704						TOTAL AMOUNT (Dollars Only)					
TOTAL CAPITAL DIRECT COSTS						TOTAL M&O DIRECT COSTS					
REMOVAL DIRECT	REMOVAL DIRECT	TRAVEL LABOR	ESCALATION	M & O DIRECT (inc TRAVEL)	ESCALATION	15365					
PLANT TO BE REMOVED OR ABANDONED (Enter on Form 62-6428, "Detail Sheet for Plant to be Retired")											
JOB EXPENDITURE BY YEAR											
COSTS	FIRST YEAR 8.8	YEAR 1	YEAR 2	YEAR 3	YEAR 4	NOTED	TOTAL REMAINING				
DIRECT COSTS	15365					DEC 7 1988					
GROSS COSTS	22195					J.K. LEE					
FOR ACCOUNTING USE ONLY											
RULE CODE	PERCENT UNDERGROUND	FUNCTIONAL GROUP	MLX DEPOSIT No	CONTRIBUTIONS	CATEGORY OF WORK	10 62					
CHECKLIST	REQD	SECD	CHECKLIST	REQD	SECD	FOR ACCOUNTING USE ONLY					
J.P.U.T. INTENTION			RIGHT OF WAY	NO		PROGRESS REPORT	VALUATION UNIT COST	PARTY BILLED	MOTOR VEHICLE CLASS	JOB AUTHORIZATION	
J.P.U.T. APPL No.			OVER 20% YIELD	YES		Dept.	Dist.			DIVISION or ORIG. OFFICE	GENERAL OFFICE
TREE TRIMMING			STRENGTH TEST	YES	YES					RECOMMEND	RECOMMEND
CITY OR CO PERMIT	NOTE		PAVEMENT—SQ. FT.	NONE		BUILDING CODE	LOT SALE SUB-DIVISION	MULTIPLE SINGLE	No. of UNITS	CONCUR	CONCUR
HIGHWAY PERMIT			MACHINE TRENCH—FT.	ALL						AUTHORIZED BY	
R.R. X-ING PERMIT			TOTAL MANDAYS	62						JOB ORDER NUMBER	
OTHER PERMITS			PROJECT COST CONTROL SYSTEM REPORT RC No.							GM 4701843	

For transformer installation — Job Foreman shall show following data on sketch at transformer location: Type, Mfg. Serial No., KVA, Voltage, New or Old. (If space is insufficient, add separate sheet with same data and transformer location grid coordinates or pole reference number.)

SKETCH OF WORK - Foreman to correct if changes are made - otherwise U. K. by initialing here

STEEL WELDS INSPECTED
PER P G & E GAS
STANDARD D-40

BY _____
INSPECTOR

DESIGN CRITERIA

LOCATION CLASS	5	
DESIGN FACTOR	1.5	
D.P.	400	% SMYS 30.8
MAOP	400	% SMYS 30.8
STRENGTH TEST PRESSURE		
MAX.	1235	PSIG 95.0 % SMYS
MIN.	1170	PSIG 90.0 % SMYS
	1170	PSIG = 90% SMYS
TEST FLUID WATER		
PIPE SPEC.	API 5LX GRX52	
O.D.	30"	
W.T.	0.375"	
WELD INSPECTION (GAS STD. D-40)		
<input type="checkbox"/> VISUAL		
<input checked="" type="checkbox"/> RADIOGRAPHIC		
	<input type="checkbox"/> 20% MIN.	
	<input checked="" type="checkbox"/> 100%	

3277 B2
SAN MATEO (UNING)
C.P. AREA T.L. 132
PRESSURE: 375 PSIG
0234691721
GM 4701843

BUNKER HILL DR.

LEXINGTON

22" T.L. 109

30" T.L. 132

INST 6' OF 30" API 5LX GRX52
STEEL PIPE (0.375" W.T.)

M.P. 30.44

DIST. REG. 277.82

ADD ALL DETAILS NOT CLEARLY SHOWN BY SKETCH ON MEMO FORM

[illegible]

PG&E
JOB ESTIMATE
Summary and Calculation Sheet
For Indirects and Overheads

Sht. No. 20F3
Est. No. 023491721
Date: 10-31-88
Initials: RCM

% FOR DIRECT COSTS

Capital Esc. 0 months at 0%
M&O Esc 0 months at 0%

% FOR INDIRECT COSTS

Labor-Div/GC 0%
Labor-GC 0%, amount \$ 0
Material 0%
TE 44%
M&O-Labor 31%
M&O-Material 29%

% FOR OVERHEADS

G&A-Instal 0%
Removal 0%
Ad Val Tax 0%
0years
AFUDC 0%

TYPE OF COSTS			PG&E			CONTRACT		
			LABOR	MATERIAL	EMPLOYEE	&OUTSIDE	OTHER	TOTAL
DIRECT COSTS								
1. Capital Installation/Purchase	CI		0	0	0	0	0	0
2. Capital Removal	CRE		0	0	0	0	0	0
3. Capital Travel	CT		0					0
4. Capital Escalation	CE		0	0	0	0	0	0
5. **Total Capital Direct Costs**	TCD		0	0	0	0	0	0
=====								
6. M & O, Include Travel Labor	MO		8990	300	75	6000	0	15365
7. M & O Escalation	MOE		0	0	0	0	0	0
8. ** Total M & O Direct Costs **	TMOO		8990	300	75	6000	0	15365
=====								
9. Total Authorized Direct Costs	TD		8990	300	75	6000	0	15365
INDIRECT COSTS								
10. Installation	I		0	0				0
11. Removal	R		0	0				0
12. Transp. & Work Eq. (Cap & M)	TE						3956	3956
13. ** Total Capital Indirects **	TCI		0	0			3956	3956
14. ** Total M & O Indirects **	TMI		2787	87				2874
=====								
15. Total Indirects Costs	TI		2787	87			3956	6830
OVERHEADS								
16. Gen. Engr. and Admin.	GEAC							0
17. Ad Valorem Tax	Tax							0
18. AFUDC	AFUDC							0
=====								
19. Total Overheads	TO							0
GROSS FINANCIAL COST								
20. Directs, Indirects, Overheads	TOTAL							22195

COMPOSITE %

a. Cap Indirects = 0
b. M&O Indirects = 18.7
c. Overheads = 0

Face Sheet

0
2874
0

PC Total

Div Total
Difference

22195

0
22195

For Plant to be Installed

Sheet No. 30F'S

Estimate No. 0234691721

DATE PREPARED		
MO	DAY	YR
10	31	88

[illegible]

- (1) LOWEST PRESSURE ON TEST GAUGE AT ANY TIME DURING TEST.
- (2) SUBTRACT STATIC HEAD DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MAX. ELEVATION) FROM INDICATED TEST PRESSURE.
- (3) ADD STATIC HEAD DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MIN. ELEVATION) TO INDICATED TEST PRESSURE.

PG&E
GAS CONSTRUCTION DEPARTMENT
JOB STATUS MEMORANDUM

Job Number GM 4701843
Source Document Number 0234G00000
Date Prepared November 8, 1988

To Division Manager of Peninsula Division, Golden Gate Region

This is to notify you of the status of the above job covering:
30" L132 REPAIR
BUNKER HILL RD S.M.

Start Date 11/02/88
Release Date
Completion Date

These dates are being reported by General Construction to Construction Accounting on the R200 series Job Progress Markup Reports.

J. POPE
Manager, Gas Construction Department

By General Foreman: Sanchietti
BRISBANE

DISTRIBUTION: X Division Manager
 X Construction Accounting
 X Manager In Charge
 X Field Job File

